

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S15	1	"20050023454".pn.	US-PGPUB; USPAT	OR	ON	2006/06/13 14:11
S17	0	S16 and (((mass adj2 charge) or mass) near4 error) with ("% or percent))	US-PGPUB; USPAT	OR	ON	2006/06/12 16:36
S18	68851	(mass adj2 spectromet\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 17:34
S19	10	S18 and (((mass adj2 charge) or mass) near4 error) with ("% or percent))	US-PGPUB; USPAT	OR	ON	2006/06/12 17:48
S20	0	S18 and (((mass adj2 charge) or mass) near4 confident) with ("% or percent))	US-PGPUB; USPAT	OR	ON	2006/06/12 17:02
S21	0	S18 and (((mass adj2 charge) or mass) near4 confiden\$2) with ("% or percent))	US-PGPUB; USPAT	OR	ON	2006/06/12 17:02
S22	3	"6229142".pn. or "6373052".pn. or "6437325".pn.	US-PGPUB; USPAT	OR	ON	2006/06/12 17:10
S23	0	S22 and (((mass adj2 charge) or mass) near4 error) with ("% or percent))	US-PGPUB; USPAT	OR	ON	2006/06/12 17:38
S24	0	S22 and (error with ("% or percent))	US-PGPUB; USPAT	OR	ON	2006/06/12 17:20
S25	0	S22 and (confiden\$2 with ("% or percent))	US-PGPUB; USPAT	OR	ON	2006/06/12 17:50
S26	0	S19 and ("n" adj1 different adj1 species)	US-PGPUB; USPAT	OR	ON	2006/06/13 15:34
S27	3	S18 and ("n" adj1 different adj1 species)	US-PGPUB; USPAT	OR	ON	2006/06/12 17:43
S28	0	S27 and (error with ("% or percent))	US-PGPUB; USPAT	OR	ON	2006/06/16 12:45
S29	2788	S18 and (fragment\$5 with species)	US-PGPUB; USPAT	OR	ON	2006/06/16 12:45
S30	2	S29 and (((mass adj2 charge) or mass) near4 error) with ("% or percent))	US-PGPUB; USPAT	OR	ON	2006/06/12 17:22
S31	89	S18 and bateman.in.	US-PGPUB; USPAT	OR	ON	2006/06/12 17:32
S32	1	S29 and bateman.in.	US-PGPUB; USPAT	OR	ON	2006/06/12 17:33

## EAST Search History

S33	5	S31 and (((mass adj2 charge) or mass) near4 (error or confiden\$2))	US-PGPUB; USPAT	OR	ON	2006/06/12 17:50
S34	127	S29 and (((mass adj2 charge) or mass) near4 (error or confiden\$2))	US-PGPUB; USPAT	OR	ON	2006/06/12 17:42
S35	0	S34 and ("n" adj1 different adj1 species)	US-PGPUB; USPAT	OR	ON	2006/06/12 17:42
S36	7	S18 and ("n" adj2 different adj2 species)	US-PGPUB; USPAT	OR	ON	2006/06/12 17:49
S37	1	S29 and ("n" adj2 different adj2 species)	US-PGPUB; USPAT	OR	ON	2006/06/12 17:48
S38	5758	(250/252.1,281-300).ccls.	US-PGPUB; USPAT	OR	ON	2006/06/15 11:33
S39	2	S38 and (((mass adj2 charge) or mass) near4 error) with ("% or percent))	US-PGPUB; USPAT	OR	ON	2006/06/12 17:49
S40	2	S38 and ("n" adj2 different adj2 species)	US-PGPUB; USPAT	OR	ON	2006/06/12 17:49
S41	138	S38 and (((mass adj2 charge) or mass) near4 (error or confiden\$2))	US-PGPUB; USPAT	OR	ON	2006/06/15 11:34
S42	2	S41 and (confiden\$2 with ("% or percent))	US-PGPUB; USPAT	OR	ON	2006/06/13 15:32
S43	1	"20050023454".pn.	US-PGPUB; USPAT	OR	ON	2006/06/13 15:23
S44	1	S43 and "x%"	US-PGPUB; USPAT	OR	ON	2006/06/13 14:32
S45	1	S43 and (time adj3 flight)	US-PGPUB; USPAT	OR	ON	2006/06/13 17:18
S46	1	S43 and (stability or instability)	US-PGPUB; USPAT	OR	ON	2006/06/13 14:51
S47	1	S43 and (user adj1 intervention)	US-PGPUB; USPAT	OR	ON	2006/06/13 14:53
S48	1	S43 and (chemical adj1 noise)	US-PGPUB; USPAT	OR	ON	2006/06/13 15:12
S49	4	"5340983".pn. or "5589364".pn. or "7045296.pn.or" "20020151707".pn. or "20040169137.pn.or" "6777187".pn.	US-PGPUB; USPAT	OR	ON	2006/06/13 15:13
S50	4	"5340983".pn. or "5589364".pn. or "7045296.pn.or" "20020151707".pn. or "20040169137.pn. or" "6777187".pn.	US-PGPUB; USPAT	OR	ON	2006/06/13 15:21
S51	1	"20020151707".pn.	US-PGPUB; USPAT	OR	ON	2006/06/13 15:17

## EAST Search History

S52	1	"20040169137.pn. or" "20040031918".pn.	US-PGPUB; USPAT	OR	ON	2006/06/13 15:21
S53	1	"20040031918".pn.	US-PGPUB; USPAT	OR	ON	2006/06/13 15:20
S54	1	"20040169137".pn.	US-PGPUB; USPAT	OR	ON	2006/06/13 15:21
S55	5	"5340983".pn. or "5589364".pn. or "7045296.pn.or" "20020151707".pn. or "20040169137".pn. or "6777187". pn.	US-PGPUB; USPAT	OR	ON	2006/06/13 15:22
S56	6	"5340983".pn. or "5589364".pn. or "7045296".pn. or "20020151707".pn. or "20040169137".pn. or "6777187". pn.	US-PGPUB; USPAT	OR	ON	2006/06/16 16:40
S57	1	"20050098721".pn.	US-PGPUB; USPAT	OR	ON	2006/06/13 15:23
S58	0	S56 and (processing with error with probability with (mass adj3 charge))	US-PGPUB; USPAT	OR	ON	2006/06/15 16:00
S59	0	S56 and (processing with error)	US-PGPUB; USPAT	OR	ON	2006/06/13 15:25
S60	0	S56 and (probability with (mass adj3 charge))	US-PGPUB; USPAT	OR	ON	2006/06/13 15:25
S61	4	S56 and ((mass adj3 charge))	US-PGPUB; USPAT	OR	ON	2006/06/13 15:27
S62	0	S56 and (error adj2 band)	US-PGPUB; USPAT	OR	ON	2006/06/13 15:27
S63	0	S56 and (claculated adj2 error)	US-PGPUB; USPAT	OR	ON	2006/06/13 15:28
S64	0	S56 and (calculated adj2 error)	US-PGPUB; USPAT	OR	ON	2006/06/13 15:28
S65	0	S56 and (error with (charge adj2 mass))	US-PGPUB; USPAT	OR	ON	2006/06/13 15:32
S66	68935	(mass adj2 spectromet\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 15:33
S67	5765	(250/252.1,281-300).ccls.	US-PGPUB; USPAT	OR	ON	2006/06/13 15:33
S68	27	S66 and ("n" adj1 species)	US-PGPUB; USPAT	OR	ON	2006/06/13 15:35

## EAST Search History

S69	2312	S66 and ("n" with species)	US-PGPUB; USPAT	OR	ON	2006/06/13 15:34
S70	60	S66 and ("n" with (ion\$3 adj2 species))	US-PGPUB; USPAT	OR	ON	2006/06/13 15:34
S71	7	S66 and ("n" adj2 different adj2 species)	US-PGPUB; USPAT	OR	ON	2006/06/13 15:37
S72	1	S56 and (different adj2 species)	US-PGPUB; USPAT	OR	ON	2006/06/13 15:38
S73	2	S56 and ((plural\$4 or multi\$4) with species)	US-PGPUB; USPAT	OR	ON	2006/06/13 16:28
S74	1	"20040169137".pn.	US-PGPUB; USPAT	OR	ON	2006/06/13 15:51
S75	1	S74 and (mass adj1 (analyzer or analyser))	US-PGPUB; USPAT	OR	ON	2006/06/13 15:58
S76	1	S74 and (process\$4)	US-PGPUB; USPAT	OR	ON	2006/06/13 16:02
S77	1	S74 and (mass adj1 spectr\$4)	US-PGPUB; USPAT	OR	ON	2006/06/13 16:05
S78	1	S74 and (mass adj3 charge adj3ratio)	US-PGPUB; USPAT	OR	ON	2006/06/13 16:05
S79	1	S43 and (error adj1 band)	US-PGPUB; USPAT	OR	ON	2006/06/13 16:28
S80	1	S74 and (time adj3 flight)	US-PGPUB; USPAT	OR	ON	2006/06/13 17:26
S81	0	S74 and ((time adj3 flight) with (calibration adj1 function))	US-PGPUB; USPAT	OR	ON	2006/06/13 17:27
S82	0	S74 and (calibration adj1 function)	US-PGPUB; USPAT	OR	ON	2006/06/13 17:27
S83	1	"20040169137".pn.	US-PGPUB; USPAT	OR	ON	2006/06/15 11:28
S84	1	"20040169137".pn.	US-PGPUB; USPAT	OR	ON	2006/06/15 11:28
S85	0	S83 and (standard adj1 (error or deviation))	US-PGPUB; USPAT	OR	ON	2006/06/15 11:32
S86	1	S83 and (deviation)	US-PGPUB; USPAT	OR	ON	2006/06/15 11:32
S87	0	S83 and (statistic\$3)	US-PGPUB; USPAT	OR	ON	2006/06/15 11:32
S88	6	"5340983".pn. or "5589364".pn. or "7045296".pn. or "20020151707".pn. or "20040169137".pn. or "6777187".pn.	US-PGPUB; USPAT	OR	ON	2006/06/15 15:56

## EAST Search History

S89	0	S88 and (standard adj1 (error or deviation))	US-PGPUB; USPAT	OR	ON	2006/06/15 11:34
S90	0	S88 and (sttistic\$3 adj1 (error or deviation))	US-PGPUB; USPAT	OR	ON	2006/06/15 11:33
S91	0	S88 and (sttistic\$3 with (error or deviation))	US-PGPUB; USPAT	OR	ON	2006/06/15 11:35
S92	5770	(250/252.1,281-300).ccls.	US-PGPUB; USPAT	OR	ON	2006/06/15 11:33
S93	138	S92 and (((mass adj2 charge) or mass) near4 (error or confiden\$2))	US-PGPUB; USPAT	OR	ON	2006/06/15 17:35
S94	19	S93 and (standard adj1 (error or deviation))	US-PGPUB; USPAT	OR	ON	2006/06/15 11:35
S95	0	S88 and (statistic\$3 with (error or deviation))	US-PGPUB; USPAT	OR	ON	2006/06/15 11:34
S96	0	S88 and (statistic\$3 with (error or deviation))	US-PGPUB; USPAT	OR	ON	2006/06/15 11:35
S97	5	S94 and (confiden\$2 near3 (level or interval))	US-PGPUB; USPAT	OR	ON	2006/06/15 11:36
S98	3	"6940065".pn. or "6863790".pn. or "5821063".pn.	US-PGPUB; USPAT	OR	ON	2006/06/16 16:40
S99	6	"5340983".pn. or "5589364".pn. or "7045296".pn. or "20020151707".pn. or "20040169137".pn. or "6777187".pn.	US-PGPUB; USPAT	OR	ON	2006/06/15 17:31
S100	9	S98 or S99	US-PGPUB; USPAT	OR	ON	2006/06/15 15:58
S101	19093	L7and (calibrat\$4 with function)	US-PGPUB; USPAT	OR	ON	2006/06/15 15:59
S102	0	S100 and (calibrat\$4 with function)	US-PGPUB; USPAT	OR	ON	2006/06/15 15:59
S103	69054	(mass adj2 spectromet\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 15:59
S104	475	S103 and (calibrat\$4 with function)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 15:59
S105	0	S104 and (processing with (error near4 probability) with (mass adj3 charge))	US-PGPUB; USPAT	OR	ON	2006/06/15 16:01

## EAST Search History

S10 6	0	S103 and (processing with (error near4 probability) with (mass adj3 charge))	US-PGPUB; USPAT	OR	ON	2006/06/15 16:01
S10 7	0	S103 and (processing with (error near4 probability) with (mass near3 charge))	US-PGPUB; USPAT	OR	ON	2006/06/15 16:01
S10 8	0	S103 and (process\$4 with (error near4 probability) with (mass near3 charge))	US-PGPUB; USPAT	OR	ON	2006/06/15 16:01
S10 9	0	S103 and process\$4 and ((error near4 probability) with (mass near3 charge))	US-PGPUB; USPAT	OR	ON	2006/06/15 16:02
S11 0	0	S103 and ((error near4 probability) with (mass near3 charge))	US-PGPUB; USPAT	OR	ON	2006/06/15 16:02
S11 1	2	S103 and ((error near4 probability) with (mass near3 charge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 16:06
S11 2	5	S103 and ((error with probability) with (mass near3 charge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 16:03
S11 3	3	S112 not S111	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 16:07
S11 4	2452	S103 and ((error near4 probability) or (confiden\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 16:06
S11 5	10	S103 and (((error near4 probability) or (confiden\$2)) with (mass near3 charge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 16:06

## EAST Search History

S11 6	6	S115 not S112	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 16:11
S11 7	1	"20040169137".pn.	US-PGPUB; USPAT	OR	ON	2006/06/15 16:12
S11 8	1	S117 and (time with (arriv\$3 or detect\$3)) and (mass near3 charge)	US-PGPUB; USPAT	OR	ON	2006/06/15 16:21
S11 9	1	S117 and (time with (mass near3 charge) eith (function or formula or equation))	US-PGPUB; USPAT	OR	ON	2006/06/15 16:21
S12 0	3	"6940065".pn. or "6863790".pn. or "5821063".pn.	US-PGPUB; USPAT	OR	ON	2006/06/15 17:31
S12 1	6	"5340983".pn. or "5589364".pn. or "7045296".pn. or "20020151707".pn. or "20040169137".pn. or "6777187".pn.	US-PGPUB; USPAT	OR	ON	2006/06/15 17:32
S12 2	9	S120 or S121	US-PGPUB; USPAT	OR	ON	2006/06/15 17:32
S12 3	0	S122 and (interference with shape)	US-PGPUB; USPAT	OR	ON	2006/06/15 17:32
S12 4	2	S122 and (mass with shape)	US-PGPUB; USPAT	OR	ON	2006/06/15 17:33
S12 5	1	S122 and (mass with (peak adj3 shape))	US-PGPUB; USPAT	OR	ON	2006/06/15 17:35
S12 6	69054	(mass adj2 spectromet\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/16 12:44
S12 7	610	S126 and (((mass adj2 charge) or mass) near4 (error or confiden\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 17:35
S12 8	20	S127 and (mass with (peak adj3 shape))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/16 16:43

## EAST Search History

S12 9	1	S128 and (mass with (saturation near3 detector))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 18:29
S13 0	1	S127 and ((mass near3 charge) with error with (saturation near3 detector))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 18:30
S13 1	1	S126 and ((mass near3 charge) with error with (saturation near3 detector))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 18:31
S13 2	12	S127 and ((saturation near3 detector))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 18:30
S13 3	69054	(mass adj2 spectromet\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/16 16:42
S13 4	10065	S133 and calibrat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/16 12:44
S13 5	2797	S133 and (fragment\$5 with species)	US-PGPUB; USPAT	OR	ON	2006/06/16 12:45
S13 6	964	S134 and S135	US-PGPUB; USPAT	OR	ON	2006/06/16 12:45
S13 7	5	S136 and ((mass near2 charge) near3 error)	US-PGPUB; USPAT	OR	ON	2006/06/16 12:47
S13 8	9	S134 and ((mass near2 charge) near3 error)	US-PGPUB; USPAT	OR	ON	2006/06/16 12:47
S13 9	1	S138 and (stability)	US-PGPUB; USPAT	OR	ON	2006/06/16 12:47
S14 0	748	S136 and (stability)	US-PGPUB; USPAT	OR	ON	2006/06/16 12:48



## EAST Search History

S14 1	58	S136 and (mass near5 error)	US-PGPUB; USPAT	OR	ON	2006/06/16 12:52
S14 2	32	S140 and S141	US-PGPUB; USPAT	OR	ON	2006/06/16 12:48
S14 3	12	S141 and (drift)	US-PGPUB; USPAT	OR	ON	2006/06/16 12:49
S14 4	6	S141 and (operat\$4 near3 (condition or parameter))	US-PGPUB; USPAT	OR	ON	2006/06/16 12:49
S14 5	54	S141 and (thermal or temperature)	US-PGPUB; USPAT	OR	ON	2006/06/16 12:50
S14 6	1	S142 and S143 and S144 and S145	US-PGPUB; USPAT	OR	ON	2006/06/16 12:50
S14 7	301	S134 and (mass near5 error)	US-PGPUB; USPAT	OR	ON	2006/06/16 12:52
S14 8	1	S134 and ((mass near5 error) with stability)	US-PGPUB; USPAT	OR	ON	2006/06/16 12:53
S14 9	7	S134 and ((mass near5 error) with (thermal or temperature))	US-PGPUB; USPAT	OR	ON	2006/06/16 13:08
S15 0	1	S134 and ((mass near5 error) with (stability))	US-PGPUB; USPAT	OR	ON	2006/06/16 13:12
S15 1	3	S134 and ((mass near5 error) with (dead adj1 time))	US-PGPUB; USPAT	OR	ON	2006/06/16 13:18
S15 2	2	S134 and ((mass near5 error) with ((detect\$4 or arriv\$4) near3 time))	US-PGPUB; USPAT	OR	ON	2006/06/16 13:20
S15 3	0	S133 and ((mass near5 error) with ((arriv\$4) near3 time))	US-PGPUB; USPAT	OR	ON	2006/06/16 13:20
S15 4	0	S133 and ((mass near5 error) with ((arrival) near3 time))	US-PGPUB; USPAT	OR	ON	2006/06/16 13:20
S15 5	1	S133 and ((mass near5 error) with ((detection) near3 time))	US-PGPUB; USPAT	OR	ON	2006/06/16 13:21
S15 6	39	S133 and (error with (detection near3 time))	US-PGPUB; USPAT	OR	ON	2006/06/16 13:22
S15 7	33	S134 and S156	US-PGPUB; USPAT	OR	ON	2006/06/16 13:21
S15 8	25	S157 and TOF	US-PGPUB; USPAT	OR	ON	2006/06/16 13:21
S15 9	0	S133 and (error with (detection adj1 time))	US-PGPUB; USPAT	OR	ON	2006/06/16 13:22
S16 0	3	S133 and (error with (arrival adj1 time))	US-PGPUB; USPAT	OR	ON	2006/06/16 13:24
S16 1	4	S133 and (error with (arrival near2 time))	US-PGPUB; USPAT	OR	ON	2006/06/16 13:32
S16 2	8	S133 and (error with (frequency near4 us\$4))	US-PGPUB; USPAT	OR	ON	2006/06/16 13:35

## EAST Search History

S16 3	0	S133 and (error with (((long or extended) adj1 period) near3 (storage or usage)))	US-PGPUB; USPAT	OR	ON	2006/06/16 13:37
S16 4	2994	S133 and (error with (storage or us\$3))	US-PGPUB; USPAT	OR	ON	2006/06/16 13:37
S16 5	1	S133 and (error with interactive)	US-PGPUB; USPAT	OR	ON	2006/06/16 14:01
S16 6	3	S133 and (correct\$4 with interactive)	US-PGPUB; USPAT	OR	ON	2006/06/16 14:01
S16 7	71	S133 and ((frequency or last) near4 calibration)	US-PGPUB; USPAT	OR	ON	2006/06/16 14:01
S16 8	0	S133 and (error with ((frequency or last) near4 calibration))	US-PGPUB; USPAT	OR	ON	2006/06/16 14:02
S16 9	8	S133 and (error with ((frequency or last) with calibration))	US-PGPUB; USPAT	OR	ON	2006/06/16 14:05
S17 0	3	S133 and (error with (interval near4 calibration))	US-PGPUB; USPAT	OR	ON	2006/06/16 14:08
S17 1	9	S133 and ((long adj2 period) with inactive)	US-PGPUB; USPAT	OR	ON	2006/06/16 14:08
S17 2	0	S133 and (error with ((long adj2 period) with inactiv\$4))	US-PGPUB; USPAT	OR	ON	2006/06/16 14:08
S17 3	0	S133 and (error with (period with inactiv\$4))	US-PGPUB; USPAT	OR	ON	2006/06/16 14:09
S17 4	6	S133 and (error with inactiv\$4)	US-PGPUB; USPAT	OR	ON	2006/06/16 14:09
S17 5	3	"6940065".pn. or "6863790".pn. or "5821063".pn.	US-PGPUB; USPAT	OR	ON	2006/06/16 16:40
S17 6	6	"5340983".pn. or "5589364".pn. or "7045296".pn. or "20020151707".pn. or "20040169137".pn. or "6777187".pn.	US-PGPUB; USPAT	OR	ON	2006/06/16 16:40
S17 7	9	S175 or S176	US-PGPUB; USPAT	OR	ON	2006/06/16 17:37
S17 8	120	"L4" and ((Gauss or normal) near3 shape)	US-PGPUB; USPAT	OR	ON	2006/06/16 16:41
S17 9	0	S177 and ((Gauss or normal) near3 shape)	US-PGPUB; USPAT	OR	ON	2006/06/16 16:44
S18 0	69054	(mass adj2 spectromet\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/16 16:42

## EAST Search History

S18 1	106	S180 and (mass with (peak adj3 shape))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/16 16:43
S18 2	1	S181 and ((adding or added or addition or add) with quadrature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/16 16:45
S18 3	7	S181 and ((Gauss\$3 or normal) near3 shape)	US-PGPUB; USPAT	OR	ON	2006/06/16 16:44
S18 4	6	S183 and (adding or added or addition or add)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/16 16:45
S18 5	0	S177 and (electron adj1 impact)	US-PGPUB; USPAT	OR	ON	2006/06/16 17:38
S18 6	1	S177 and (electron with impact)	US-PGPUB; USPAT	OR	ON	2006/06/16 17:39
S18 7	1	S177 and ((low adj1 energy) with electrons)	US-PGPUB; USPAT	OR	ON	2006/06/19 13:55

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20050023454".pn.	US-PGPUB; USPAT	OR	ON	2006/06/19 13:55
L2	1	L1 and (time with (different adj1 species))	US-PGPUB; USPAT	OR	ON	2006/06/19 15:14
L3	1	L1 and ((error adj1 band) with (systematic adj1 error))	US-PGPUB; USPAT	OR	ON	2006/06/19 15:18
L4	1	L1 and (accuracy with (mathematical adj1 model))	US-PGPUB; USPAT	OR	ON	2006/06/19 15:18
L5	1	L1 and (error adj3 (mass adj1 calibration))	US-PGPUB; USPAT	OR	ON	2006/06/19 15:18
L6	1	L1 and (error adj3 (internal adj1 reference))	US-PGPUB; USPAT	OR	ON	2006/06/19 15:19
L7	1	L1 and (time adj3 detection)	US-PGPUB; USPAT	OR	ON	2006/06/19 15:19
L8	1	L1 and ((time adj3 detection) with (internal adj1 reference))	US-PGPUB; USPAT	OR	ON	2006/06/19 15:20
L9	1	L1 and ((stability or instability) with (mass adj1 calibration))	US-PGPUB; USPAT	OR	ON	2006/06/19 15:20
L10	1	L1 and (drift with (mass adj1 calibration))	US-PGPUB; USPAT	OR	ON	2006/06/19 15:20
L11	1	L1 and ((operating adj1 condition) with (mass adj1 calibration))	US-PGPUB; USPAT	OR	ON	2006/06/19 15:20
L12	1	L1 and ((user adj1 intervention) with (mass adj1 calibration))	US-PGPUB; USPAT	OR	ON	2006/06/19 15:21
L13	1	L1 and ((external adj1 influence) with (mass adj1 calibration))	US-PGPUB; USPAT	OR	ON	2006/06/19 15:21
L14	1	L1 and ((stability near4 (power adj1 supply)) with (mass adj1 calibration))	US-PGPUB; USPAT	OR	ON	2006/06/19 15:21
L15	1	L1 and ((change near4 temperature) with (mass adj1 calibration))	US-PGPUB; USPAT	OR	ON	2006/06/19 15:22
L16	0	L1 and ((dead adj1 time) with (missed adj1 counts))	US-PGPUB; USPAT	OR	ON	2006/06/19 14:17
L17	0	L1 and ((dead adj1 time) with (detect\$4))	US-PGPUB; USPAT	OR	ON	2006/06/19 14:17
L18	1	L1 and ((deadtime) with (detect\$4))	US-PGPUB; USPAT	OR	ON	2006/06/19 15:22

## EAST Search History

L19	69059	(mass adj2 spectromet\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 15:14
L20	2	L19 and (time with (different adj1 species)).clm.	US-PGPUB; USPAT	OR	ON	2006/06/19 15:16
L21	6207	L19 and (time adj3 flight)	US-PGPUB; USPAT	OR	ON	2006/06/19 15:15
L22	2	L21 and (time with (different adj1 species)).clm.	US-PGPUB; USPAT	OR	ON	2006/06/19 15:17
L23	351	L21 and (((mass adj2 charge) or mass) near4 (error or confiden\$2))	US-PGPUB; USPAT	OR	ON	2006/06/19 15:17
L24	8	L21 and (((mass adj2 charge) or mass) near4 (error or confiden\$2)).clm.	US-PGPUB; USPAT	OR	ON	2006/06/19 15:17
L25	1	L24 and (time with (different adj1 species)).clm.	US-PGPUB; USPAT	OR	ON	2006/06/19 15:17
L26	1	L24 and ((error adj1 band) with (systematic adj1 error)).clm.	US-PGPUB; USPAT	OR	ON	2006/06/19 15:18
L27	1	L24 and (accuracy with (mathematical adj1 model)).clm.	US-PGPUB; USPAT	OR	ON	2006/06/19 15:18
L28	1	L24 and (error adj3 (mass adj1 calibration)).clm.	US-PGPUB; USPAT	OR	ON	2006/06/19 15:19
L29	0	L24 and (error adj3 (internal adj1 reference)).clm.	US-PGPUB; USPAT	OR	ON	2006/06/19 15:19
L30	1	L24 and (time adj3 detection).clm.	US-PGPUB; USPAT	OR	ON	2006/06/19 15:19
L31	1	L24 and ((time adj3 detection) with (internal adj1 reference)).clm.	US-PGPUB; USPAT	OR	ON	2006/06/19 15:20
L32	1	L24 and ((stability or instability) with (mass adj1 calibration)).clm.	US-PGPUB; USPAT	OR	ON	2006/06/19 15:20
L33	1	L24 and (drift with (mass adj1 calibration)).clm.	US-PGPUB; USPAT	OR	ON	2006/06/19 15:20
L34	1	L24 and ((operating adj1 condition) with (mass adj1 calibration)).clm.	US-PGPUB; USPAT	OR	ON	2006/06/19 15:20
L35	1	L24 and ((user adj1 intervention) with (mass adj1 calibration)).clm.	US-PGPUB; USPAT	OR	ON	2006/06/19 15:21
L36	1	L24 and ((external adj1 influence) with (mass adj1 calibration)).clm.	US-PGPUB; USPAT	OR	ON	2006/06/19 15:21

## EAST Search History

L37	1	L24 and ((stability near4 (power adj1 supply)) with (mass adj1 calibration)).clm.	US-PGPUB; USPAT	OR	ON	2006/06/19 15:22
L38	1	L24 and ((change near4 temperature) with (mass adj1 calibration)).clm.	US-PGPUB; USPAT	OR	ON	2006/06/19 15:22
L39	1	L24 and ((deadtime) with (detect\$4)).clm.	US-PGPUB; USPAT	OR	ON	2006/06/19 15:22